

**ABSTRACT OF THE DISCLOSURE**

Hydraulically actuated aerial lift trucks typically have a primary hydraulic pump system driven by the vehicle's engine and a backup pump system driven by a direct current motor. Due to infrequent use of such motors, they are vulnerable to failure due to corrosion of the brush/commutator interface or seizing of the motor bearings. A remote power unit is provided to periodically run the back up motor for brief periods to maintain the motor in running condition. Voltage levels across the motor terminals are monitored for correspondence to failure indicating levels.